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What is claimed is:

1. An apparatus for creating a tract within the scleral tissues of an eye comprising:

an elongated body portion shaped to create said tract wherein said tract forms a path for flow of aqueous humor into an ocular vein.

- 2. The apparatus of claim 1 wherein said body portion comprises a proximal end and distal end.
- 3. The apparatus of claim 2 wherein said body portion has an outer diameter in the range of 50 to 500 microns.
- 4. The apparatus of claim 2 wherein said body portion comprises a flexible microcannula.
- 5. The apparatus of claim 2 wherein said distal end comprises a mechanical cutting tip.
- 6. The apparatus of claim 2, where in said distal end comprises an energy source to ablate tissue.
- 7. The apparatus of claim 6 wherein said energy comprises laser light, radio frequency energy, or thermal energy.
- 8. The apparatus of claim 2 where said distal end is visible by medical imaging.
- 9. The apparatus of claim 8 wherein medical imaging comprises ultrasound or optical coherence topography.
- 10. The apparatus of claim 2 wherein said distal end comprises an optical beacon visible under direct observation through scleral tissues.
- 11. The apparatus of claim 2 wherein said body portion comprises an outer sheath and an inner member.
- 12. The apparatus of claim 11 wherein said inner member is removable during use from said outer sheath.
- 13. The apparatus of claim 1 which additionally comprises a space maintaining material placeable within said tract.
 - 14. The apparatus of claim 13 wherein said space maintaining material comprises hyaluronic acid.
 - 15. The apparatus of claim 13 wherein said space maintaining material comprises a cellular proliferation inhibitor.

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16. The apparatus of claim 15, wherein said cellular proliferation inhibitor comprises methotrexate, paclitaxel, or sirolimus.

- 17. The apparatus of claim 13, wherein said space maintaining material comprises an anti-thrombotic agent.
- 18. The apparatus of claim 20 wherein said anti-thrombotic agent comprises heparin or tissue plasminogen activator.
- 19. The apparatus of claim 13 wherein said material comprises a stent device.
- 20. The apparatus of claim 19 wherein said device comprises hyaluronic acid.
 - 21. The apparatus of claim 19 wherein said device comprises a nickel titanium alloy.
 - 22. The apparatus of claim 19 wherein said device is changeable in-situ from a first configuration to a second configuration.
 - 23. A method for creating a path for flow of aqueous humor of the eye into an ocular vein comprising:
 - a) inserting an apparatus to form a tissue opening into an ocular vein on the anterior portion of the eye;
- b) directing said apparatus to create a tract from said vein to a source of aqueous humor;
 - c) removing said apparatus;

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- d) closing said tissue opening while retaining flow through said tract between said vein and said source.
- 24. A method for creating a path for flow of aqueous humor of the eye into an ocular vein comprising:
- a) inserting an apparatus through a tissue opening in the eye into a source of aqueous humor in the eye;
- b) directing said apparatus to create a tract for said source into an ocular vein;
- c) removing said apparatus while retaining flow through said tract between said vein and said source.
- 25. A method according to claim 24 further comprising the step (d) of closing said tissue opening.

- 26. The method of claim 23 and 24 wherein said source of aqueous humor comprises the anterior chamber, Schlemm's canal, collector channel, or bleb.
- 27. The method of claim 23 or 24 wherein in said step (b) medical imaging is used to direct the creation of said tract.
- 28. The method of claim 23 or 24, which additionally comprises the step of placing a space maintaining material within said tract.
 - 29. The method of claim 28 wherein said material comprises hyaluronic acid.
- 30. The method of claim 28 wherein said material comprises a stent device.

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